

SZ05-ZN/EN-A03

Quick Start Guide **FINDER 发现者**

快速启动指南

EN P10

▲注意事项

- 1.高温危险！打印机喷嘴在工作时会被加热，操作时请避免接触！
- 2.可动部件可能会造成卷入挤压和切割伤害。操作机器时请不要配带手套或缠绕物。

▲ WARNING

1. Hot! Avoid touching the heating nozzle in operation.
2. Moving parts in printer may cause injury. Do not wear gloves or other sources of entanglement in operation.

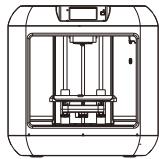
**说明书
USER GUIDE**

最新版本说明书请前往闪铸科技官方网站www.sz3dp.com下载。
(技术支持 - 下载中心 - 说明书/快速启动指南下载)

Please refer to FlashForge official website www.flashforge.com to download the newest User Guide and Quick Start Guide (SUPPORT-Support Center-Select a Product)

本指南仅适用于闪铸科技发现者3D打印机
This guide is only applicable to FLASHFORGE Finder 3D printer

装箱物品



3D打印机



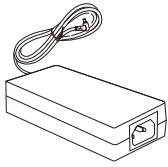
3D打印耗材



快速启动指南



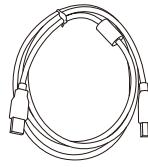
售后服务卡



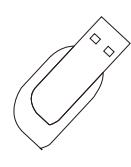
电源适配器



电源线



USB线



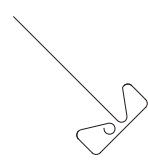
U 盘



导丝管



十字螺丝刀



通 针



冲压扳手



内六角扳手



固体胶

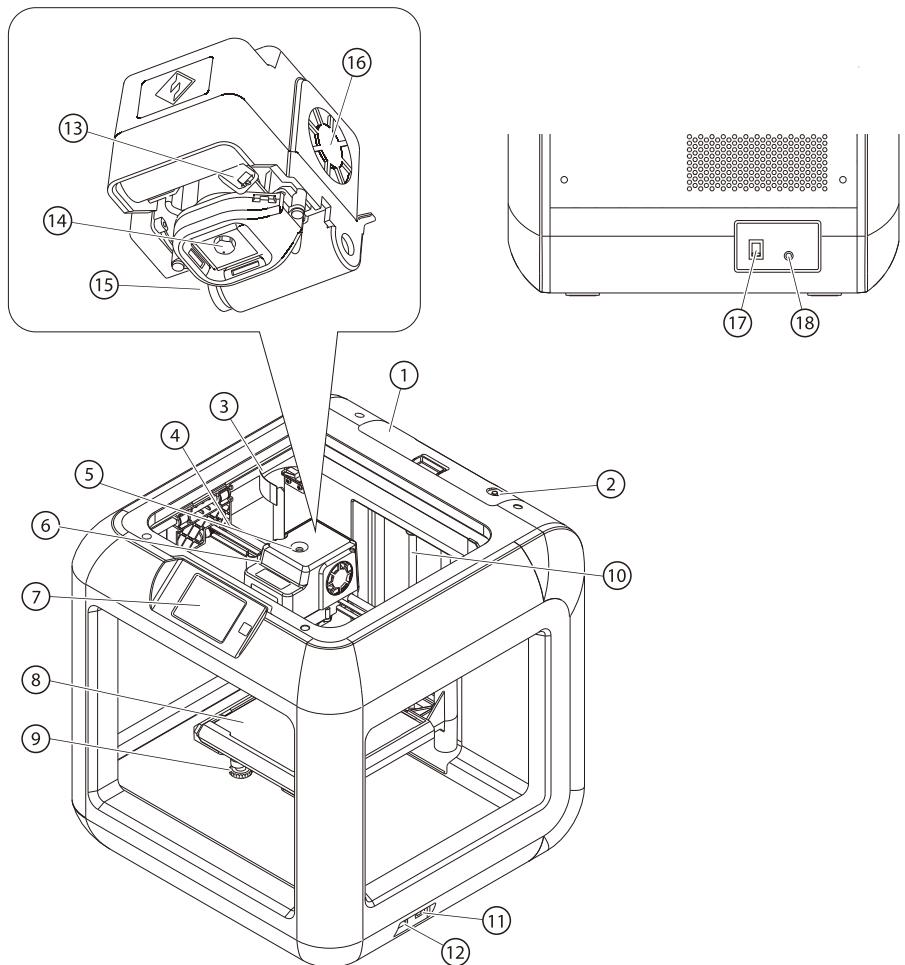


聚四氟管



润滑脂

部件介绍



- | | | | | |
|------------|-----------|------------|---------|-------------|
| 1. 丝盘盒 | 2. 丝盘盒出丝口 | 3. Y轴导轨 | 4. X轴导轨 | 5. 喷头进丝口 |
| 6. 进丝压板 | 7. 触摸屏 | 8. 打印平台 | 9. 调平螺母 | 10. Z轴导轨 |
| 11. USB线插口 | 12. U盘插口 | 13. 调平舵机 | 14. 喷嘴 | 15. 涡轮风扇出风口 |
| 16. 涡轮风扇 | 17. 电源开关 | 18. 电源输入端口 | | |

开 箱



1. 打开包装，取出打印机放置于工作台面。



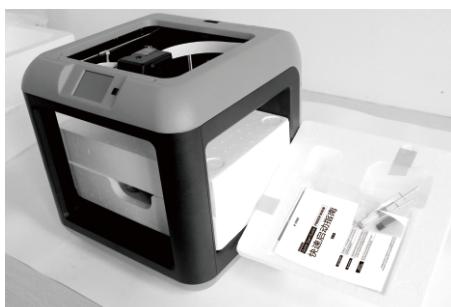
2. 去除在运输中起保护作用的泡沫。



3. 去除位于打印机顶部的胶带，去除包装袋。



4. 在打印机顶部的泡沫盒中有一本快速启动指南、售后服务卡、内六角扳手、十字螺丝刀、通针、聚四氟管、冲压板手、U盘、电源线和一袋润滑脂。



5. 移除顶部的泡沫盒，将其放置一边。



6. 撕除用来固定喷头排线的无痕胶带。



7. 剪断导轨两侧用于固定的扎带。



8. 从侧面取出装有打印耗材的泡沫盒。



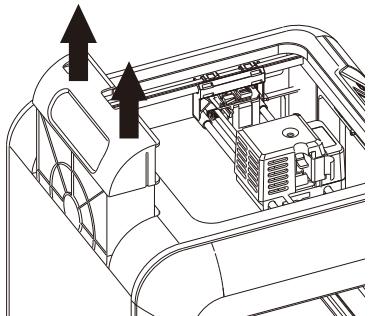
9. 用手拖住打印平台，缓缓将其提升，
以便于取出平台下方的泡沫盒。



10. 从侧面取出放置有电源适配器、USB线、
固体胶和一根导丝管的泡沫盒。

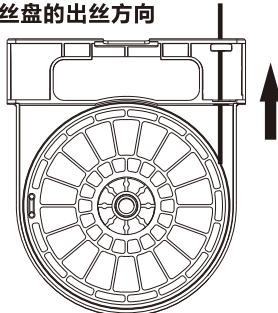


11. 至此Finder的开箱就完成了。请妥善
保管配件及包装，以便于后续使用。

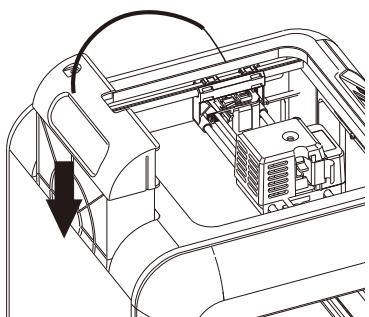


1. 将位于打印机背部的耗材放置盒取出，耗材放置于背部耗材盒中。

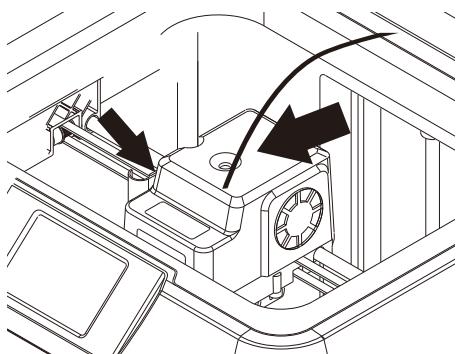
请注意丝盘的出丝方向



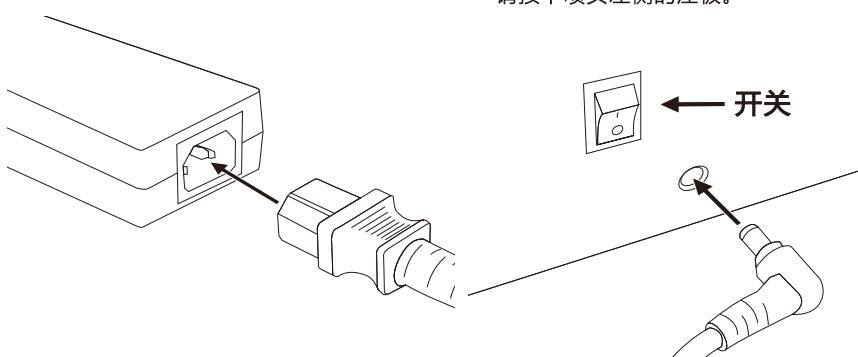
2. 将耗材从右上的导丝管中穿过，从耗材出丝孔穿出，然后将耗材放置于盒内。



3. 将装有耗材的丝盘盒放回机身内部。



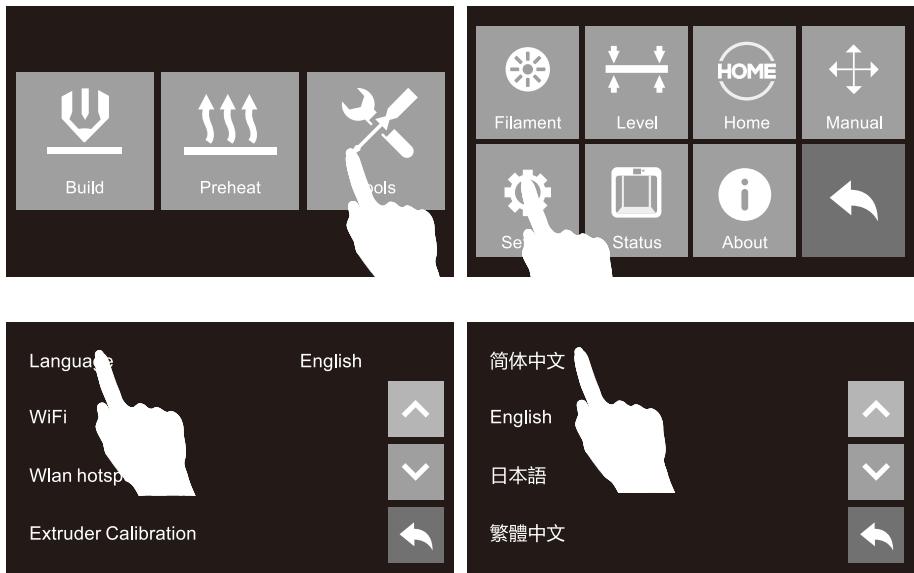
4. 将耗材插入喷头进丝孔。注意插入耗材时请按下喷头左侧的压板。



5. 连接电源适配器和电源线。将电源适配器输出端插入打印机背部的电源输入端口。打开电源开关，然后按下液晶屏右侧的开关开机，准备对平台进行调平。

调 平

将液晶屏语言设置为中文

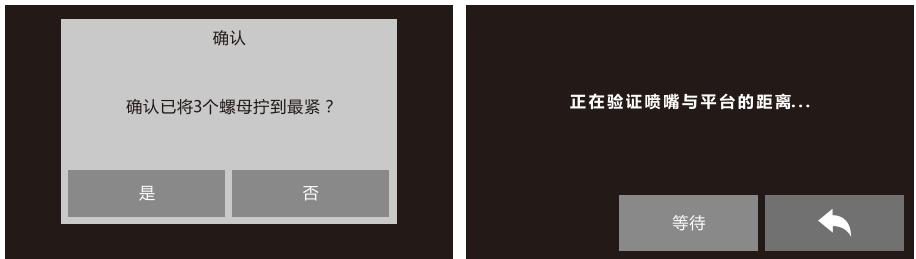


1. 插上电源线，打开电源开关开机。发现者在出厂时默认操作语言为英文，请根据上图步骤切换至中文：在触摸屏上依次点击 [Tools]、[Setting]、[Language]、[简体中文]。

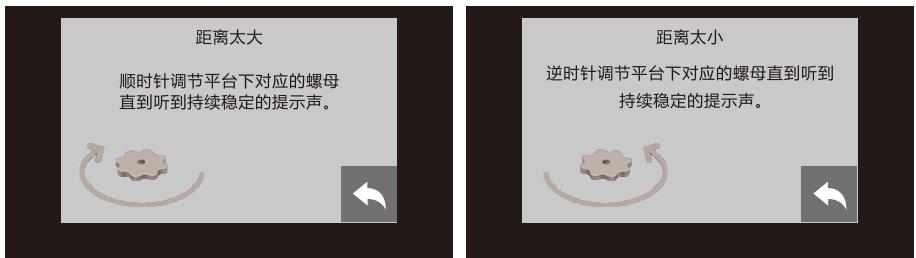
开始调平



1. 点击触摸屏上依次点击【工具】-【调平】图标，之后根据液晶屏的提示信息进行调平。待初始化运动完成后逆时针拧紧底板下三个螺母直到拧不动，点击【确认】。



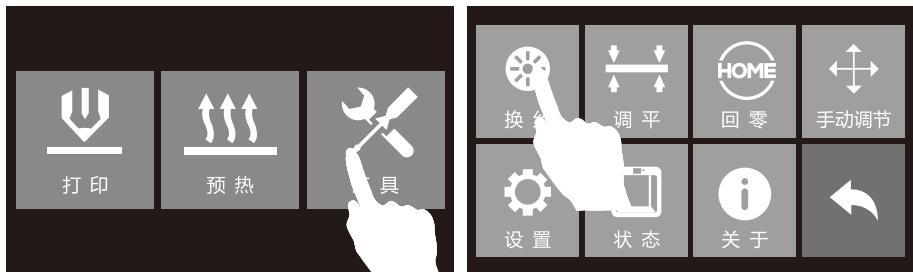
2. 点击【是】后，喷头开始移向第一个点，打印平台会验证喷嘴与平台之间的距离。



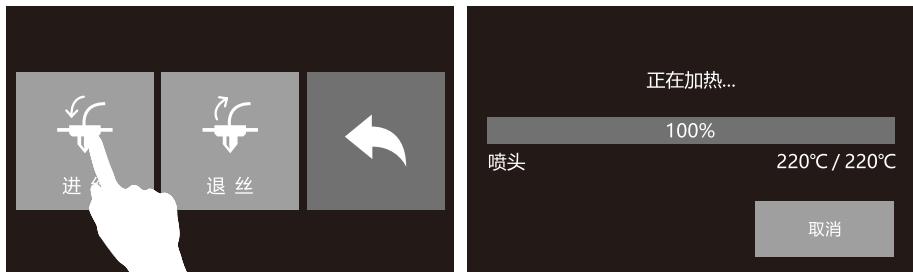
3. 若距离过大，请顺时针调节平台下对应的螺母直到听到持续稳定的提示声，之后点击【验证】进行确认。若距离过小，请根据液晶屏提示逆时针调节平台下对应的螺母。



4. 点击【验证】按钮再次验证距离是否合适，若距离合适，点击【确认】进行下一点的调平。若距离仍不合适，请继续按照液晶屏提示操作，直至调平全部完成。



1、在首界面点击【工具】，然后点击【换丝】，在换丝界面点击【进丝】。



2、在点击“进丝”以后，喷头会自动开始加热。喷头加热到预定的温度后会自动开始进丝。当喷嘴开始出丝时请勿立即停止进丝，直到耗材均匀出丝为止。

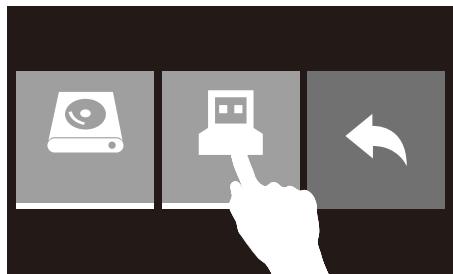
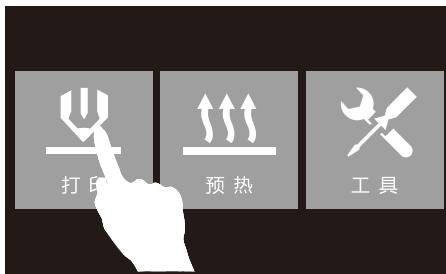
换丝操作步骤

i 请勿用蛮力将耗材拔出，否则会造成喷头堵塞。如果耗材已冷却，请按下列步骤进行耗材更换。



- 1、点击【预热】【开始】来加热喷头，确保喷头加热开关处于打开状态。
- 2、待喷头加热完成后，即可按下喷头左侧的压板并拔出原耗材。
- 3、返回首页面，将新耗材放入进丝孔，点击【工具】【换丝】【进丝】，喷头会在加热完成后自动开始进丝，新耗材开始稳定出丝表明换丝操作已经完成。

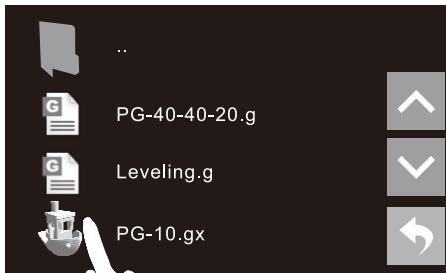
首次打印



1. 将随机附带的U盘插入打印机。依次在液晶屏上点击[打印]、[U盘]。



2. 翻至第二页，点击[Test Files 测试文件]。



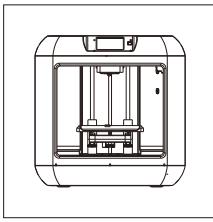
2. 在方块和圆筒文件中选择一个，点击[打印]，打印机会开始加热，加热完毕后自动开始打印。



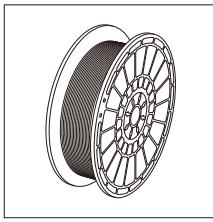
[Test Files测试文件]中的模型文件已经过设置，可以直接打印。

Leveling文件是备用的调平文件，不可打印。

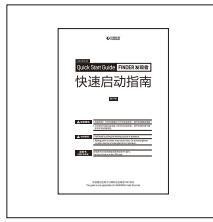
Kit Contents



3D Printer



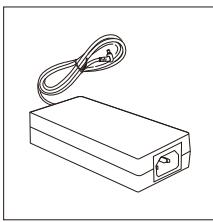
Filament Spool



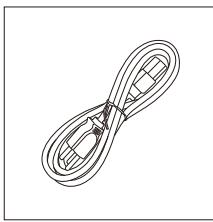
Quick Start Guide



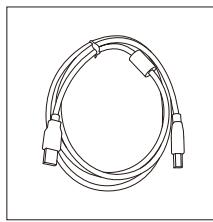
After-sales Service Card



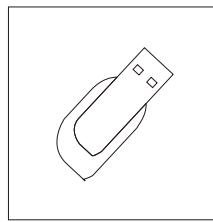
Power Adapter



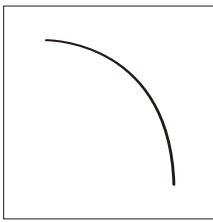
Power Cable



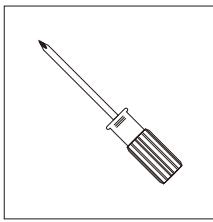
USB Cable



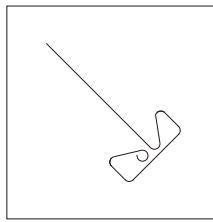
USB Stick



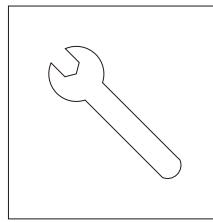
Filament Guide Tube



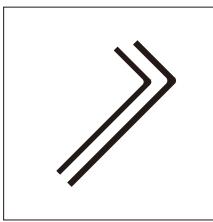
Screwdriver



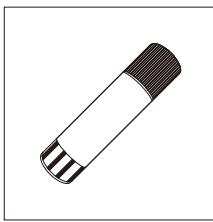
Unclogging Pin Tool



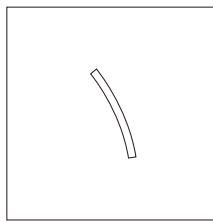
Wrench



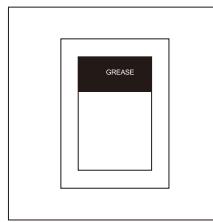
Allen Wrench



Solid Glue

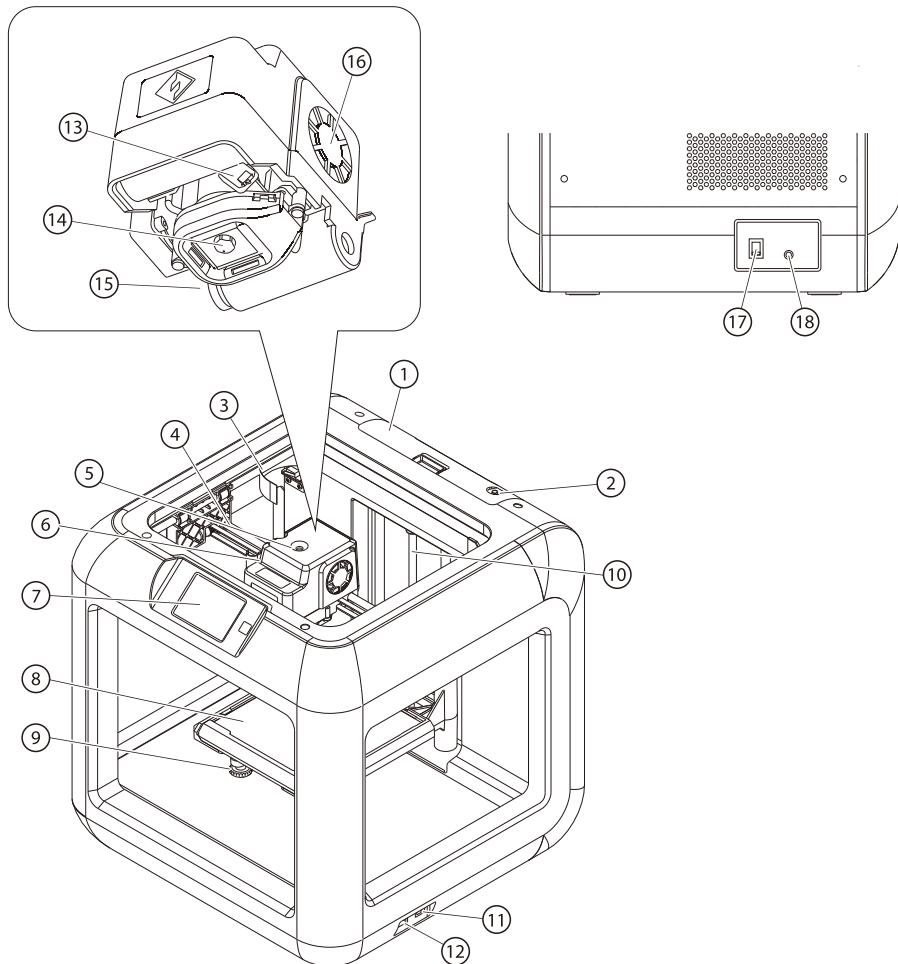


PTFE Tube



Grease

Getting to Know Your Finder



- | | | | |
|-----------------------|----------------------|---------------------|---------------------|
| 1. Filament Cartridge | 2. Filament Outlet | 3. Y-Axis Guide Rod | 4. X-Axis Guide Rod |
| 5. Filament Inlet | 6. Spring Presser | 7. Touch Screen | 8. Build Plate |
| 9. Leveling Knob | 10. Z-Axis Guide Rod | 11. USB Cable Input | 12. USB Stick Input |
| 13. Servo | 14. Nozzle | 15. Turbofan Baffle | 16. Turbofan |
| 17. Power Switch | 18. Power Input | | |

Unpacking



1. Open the box, grasp the two handles and then lift your Finder out of the box.



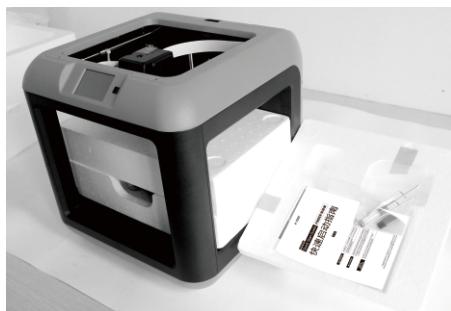
2. Remove the side protective foam sheets, you will see the Finder in a transparent bag.



3. Remove the tape and then remove the bag.



5. The foam sheet on top of the printer should contain: Quick Start Guide, After-sales Service Card, USB stick, Allen wrenches, screwdriver, unclogging pin tool, wrench, PTFE tube, power cable and grease.



5. Remove the top foam sheet.



6. Discard the blue tape that holds the flat cable in place. Be careful with the flat cable.



7. Use scissors to cut the four buckles that hold the rods in place.



8. Take the protective foam for filament out of the Finder. You will see a spool of PLA filament inside.



9. Lift the build plate up with care.

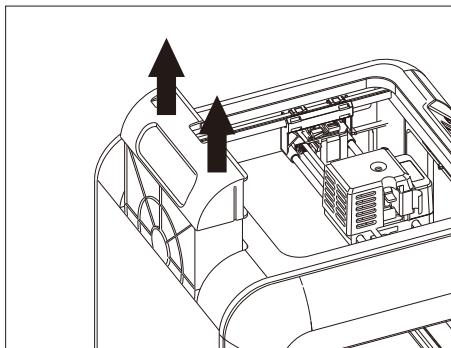


10. Remove the protective foam underneath. It should contain: power adapter, USB cable, solid glue, filament guide tube.

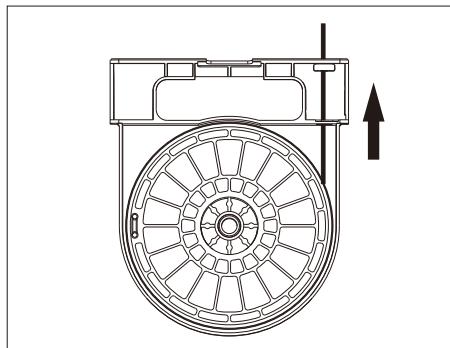


11. Congratulations! You've unpacked your printer. Please keep the kit and packing for future use.

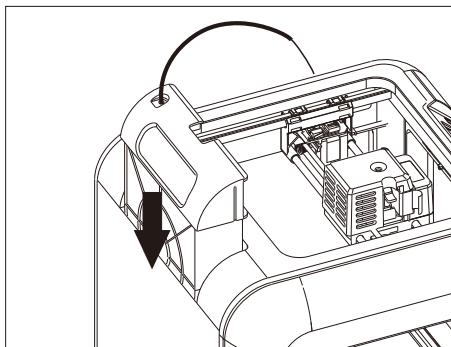
Hardware Assembly



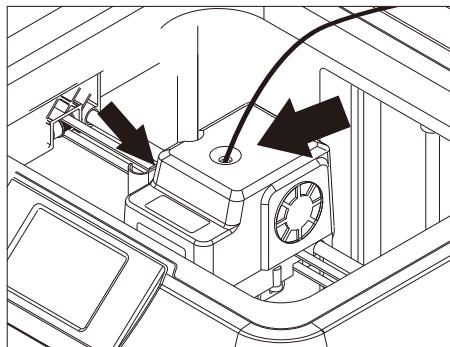
1. Take out the filament cartridge in the rear of Finder, where you will place the filament spool.



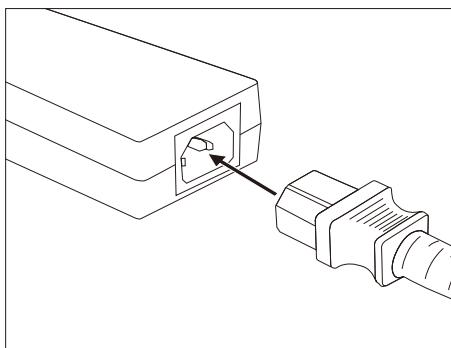
2. Insert the filament into the guide tube and thread the guide tube through the filament outlet. Place the spool of filament in the cartridge.



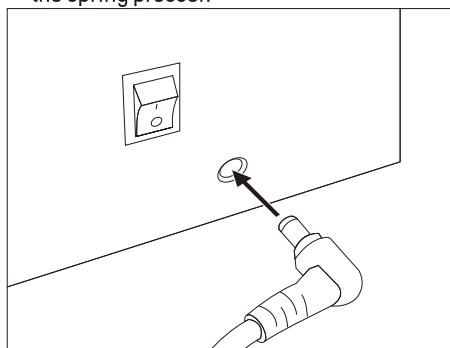
3. Put the filament cartridge back to the Finder.



4. Press the spring presser, and insert the filament into the filament intake. Then release the spring presser.

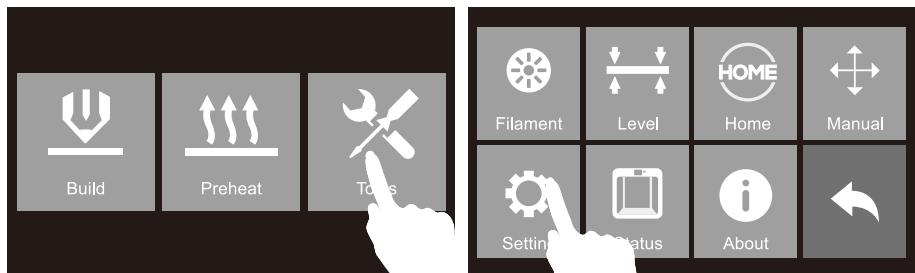


5. Connect power adapter with the power cable and then insert the power supply into the power input on the back of the finder. Turn on the power switch and press the touch screen button to turn on the printer.

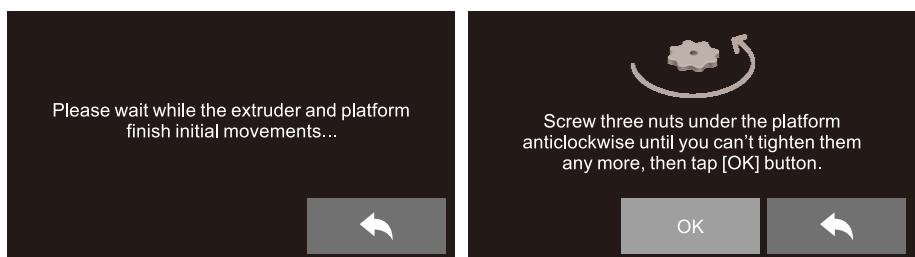


Leveling Build Platform

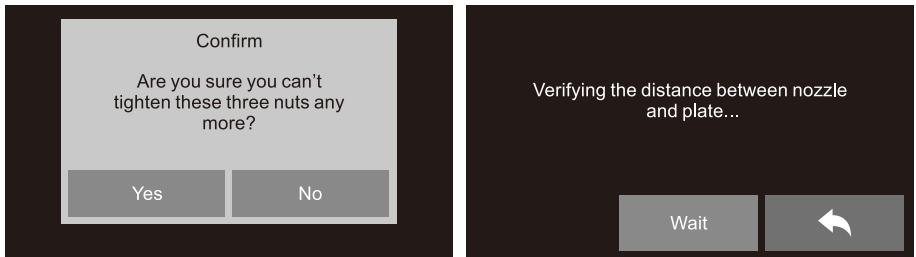
How to change language



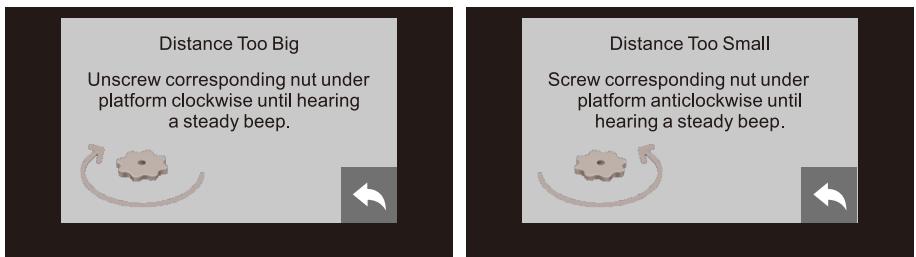
Start to Leveling Build Platform



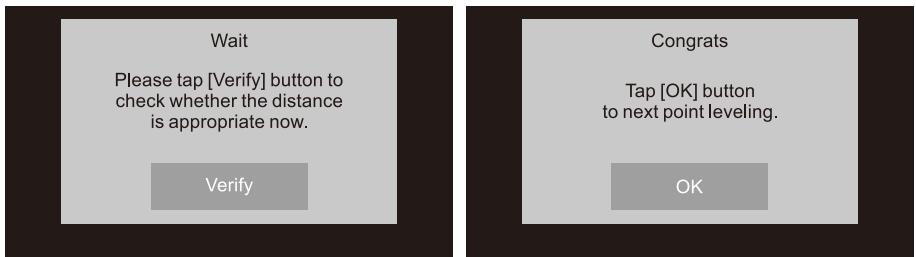
1. Tap [Tools] - [Level] on your Finder touch screen. Please wait while the extruder and platform finish initial movements. Screw three knobs under the platform anticlockwise until you can't tighten them any more, then tap [OK] button.



2. Tap [Yes] if you can't tighten all the nuts any more, or tap [No] to continue tightening.
After selecting [Yes], the extruder will move towards the first point and the plate will move up and down to verify the distance between nozzle and plate.



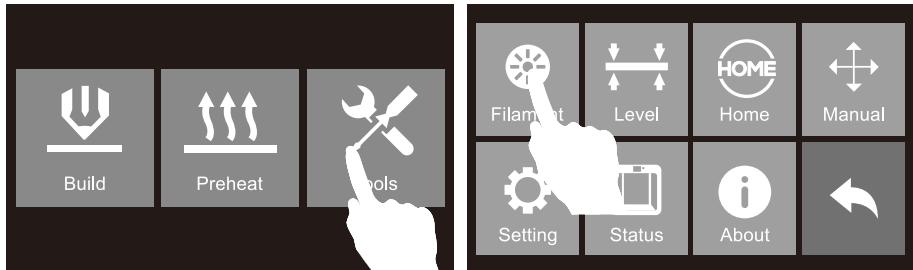
3. If the distance between the nozzle and plate is too large, rotate the knob underneath the platform clockwise until you hear a steady beep. If the distance is too small, rotate the knob anticlockwise until you hear a steady beep.



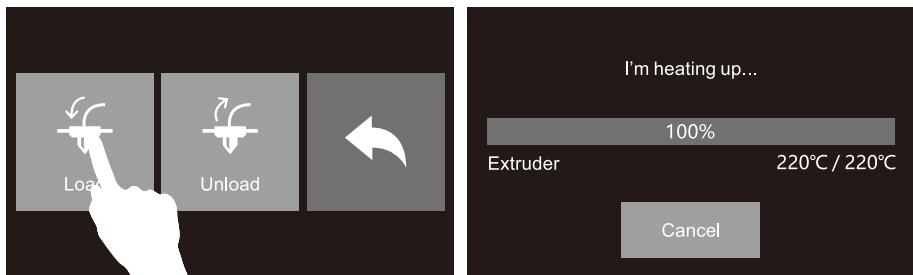
4. Then tap the [Verify] button to check whether the distance is appropriate this time.
If the distance is appropriate now, tap [OK] to the second leveling point. If still not, please follow the prompts to adjust again till you see [OK] button.

Repeat steps 3 and 4 to level the second and third points. Then tap [Finish] to exit.

Loading / Changing Filament



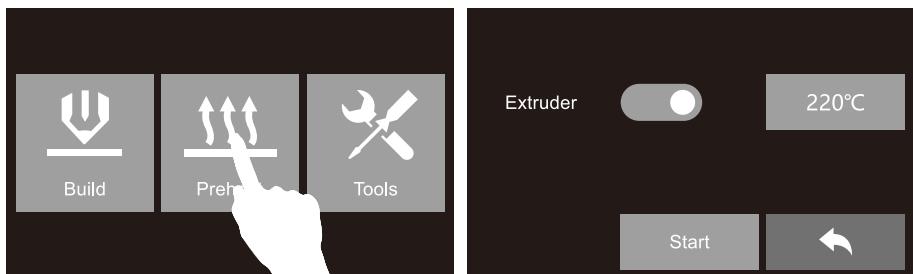
1. Tap [Tools] and then tap [Filament] and [Load] to load filament.



2. The extruder will automatically heat up. Once heated, filament will be drawn through the extruder. Continue extruding until the extruder provides a steady flow of filament.

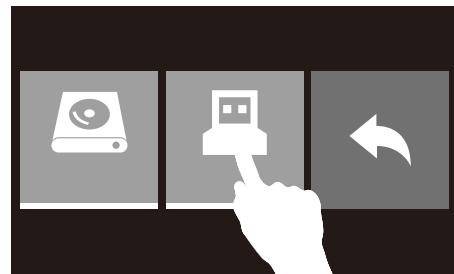
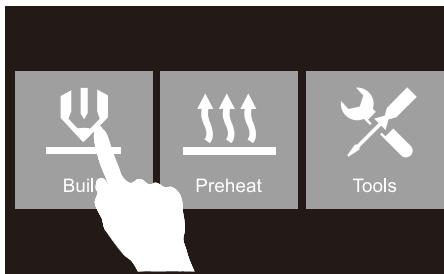
Changing Filament

Do not pull out the filament with force as it will damage the gears. If the melted filament has cooled down in the extruder, please follow the steps below.



1. Tap [Preheat]--[Start] to heat up the extruder.
2. Once preheated, hold down the spring presser and pull out the filament.
3. Tap the return arrow, then insert the new filament into the filament intake. Select [Tools]-[Filament]-[Load]. The filament will be drawn through the extruder once heated. Wait for the extruder to provide a steady flow of filament.

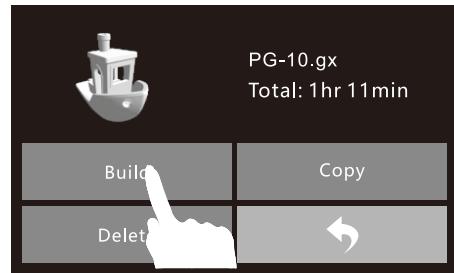
First Print



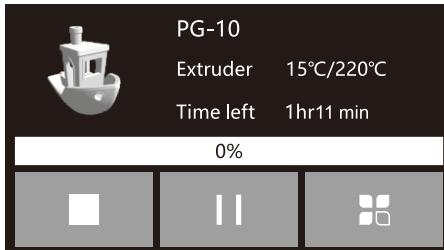
1. Please insert the USB stick into Finder. In the print interface, tap [Build]-[USB Stick].



2. Turn to the next page, tap [Test files].



3. Tap [PG-10.gx]-[Build].



4. Once heated, the printer will start printing automatically.



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